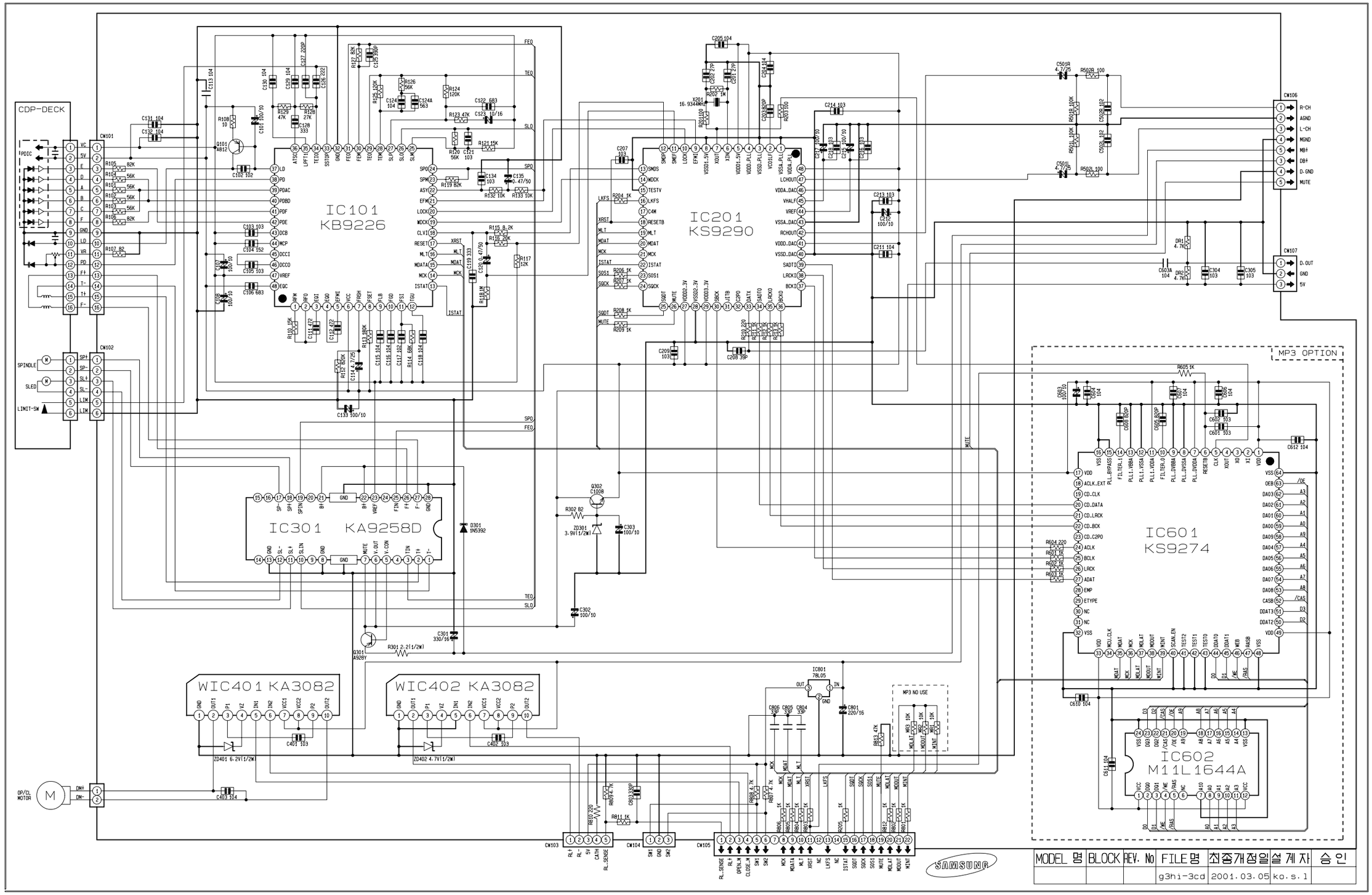
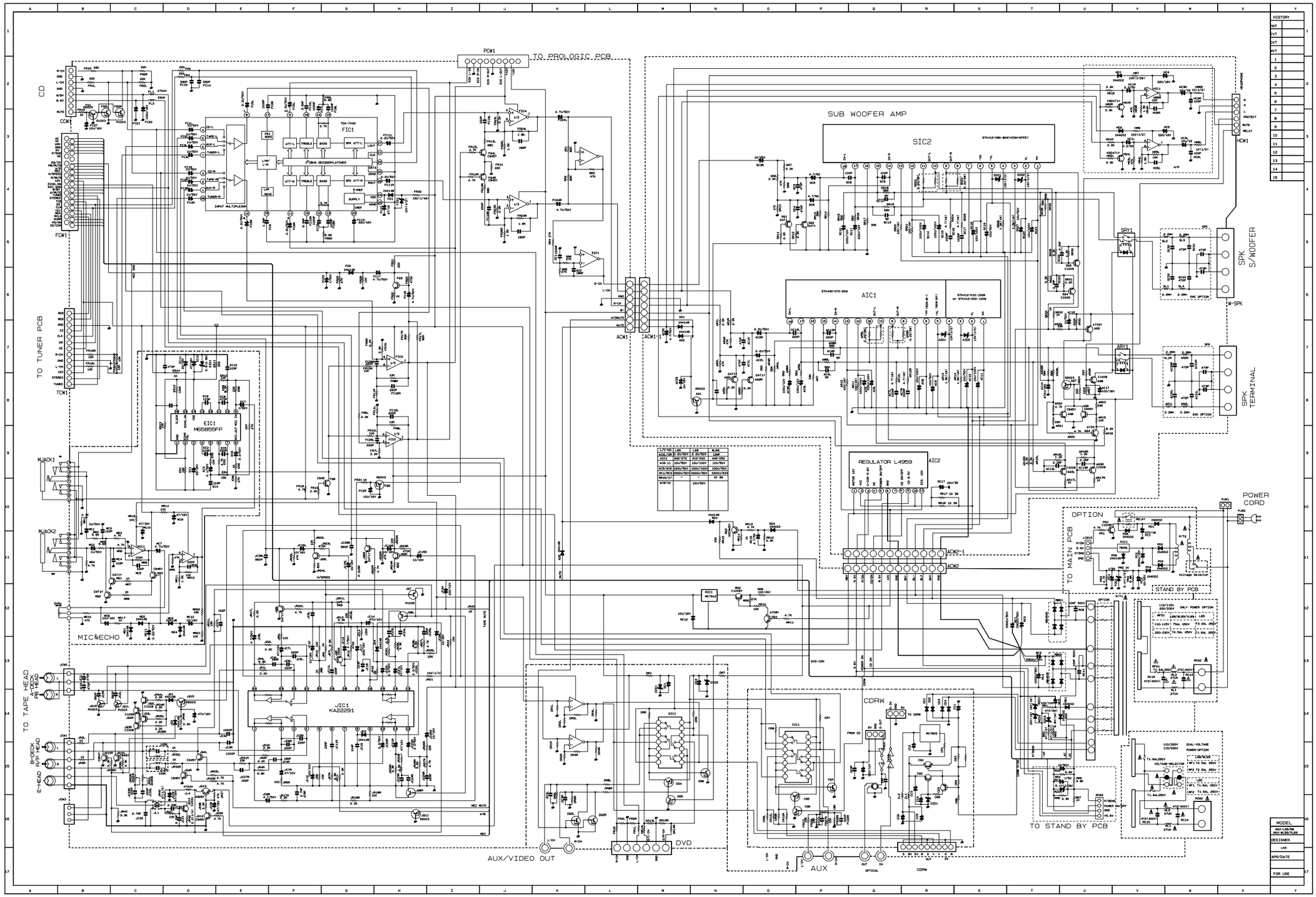
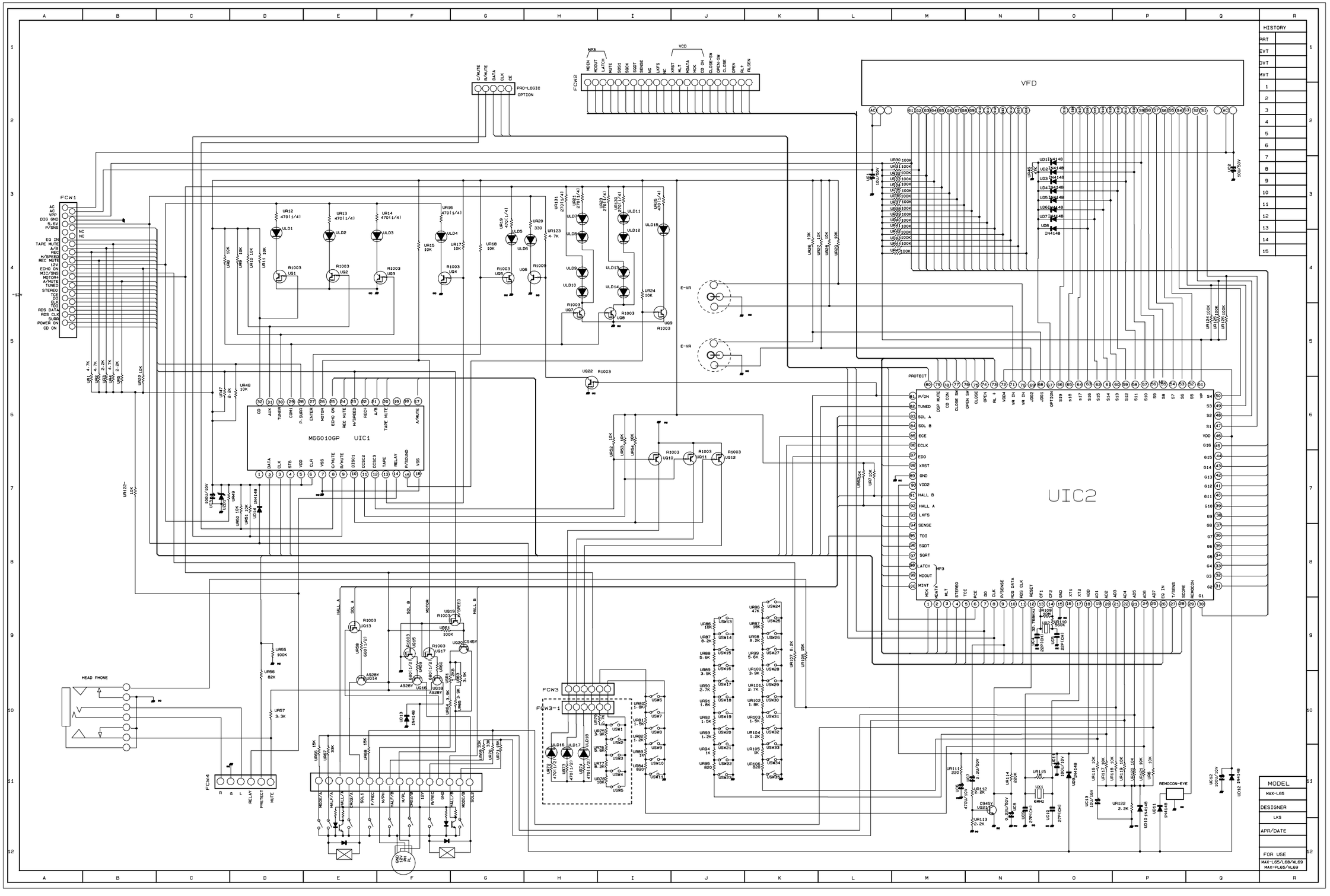
7. Schematic Diagram

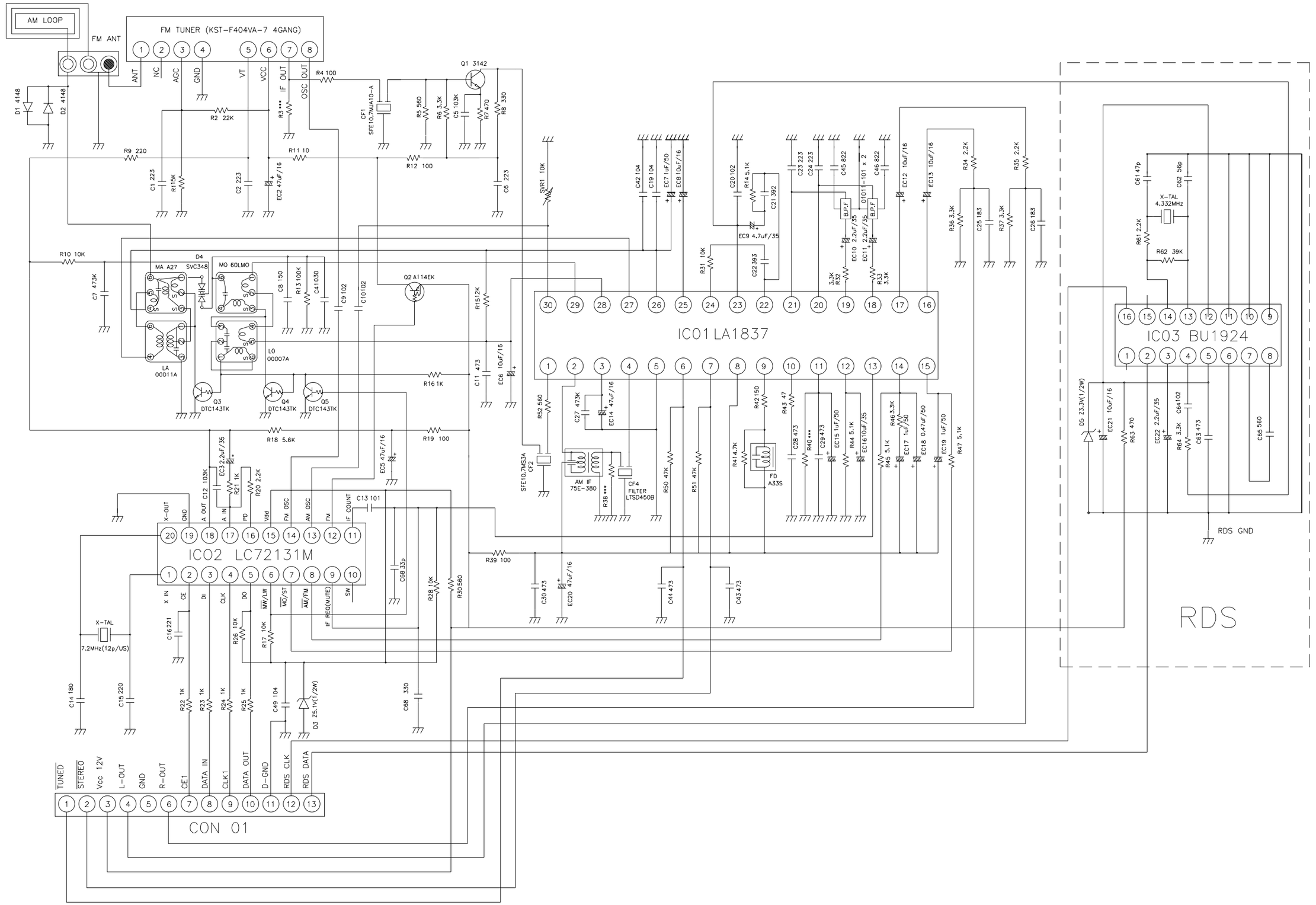
7-1 CD/MP3 Parts(COMMON)

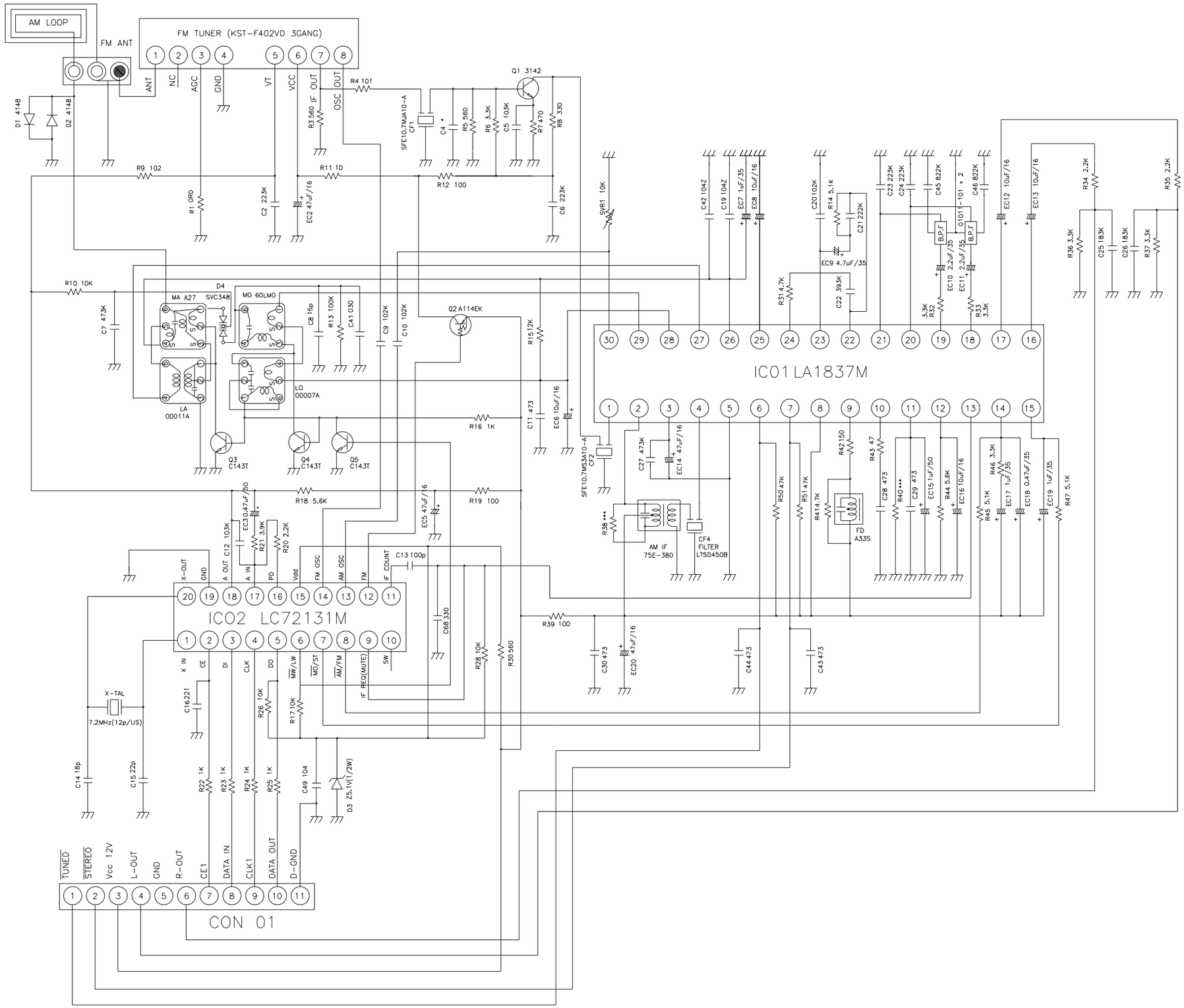


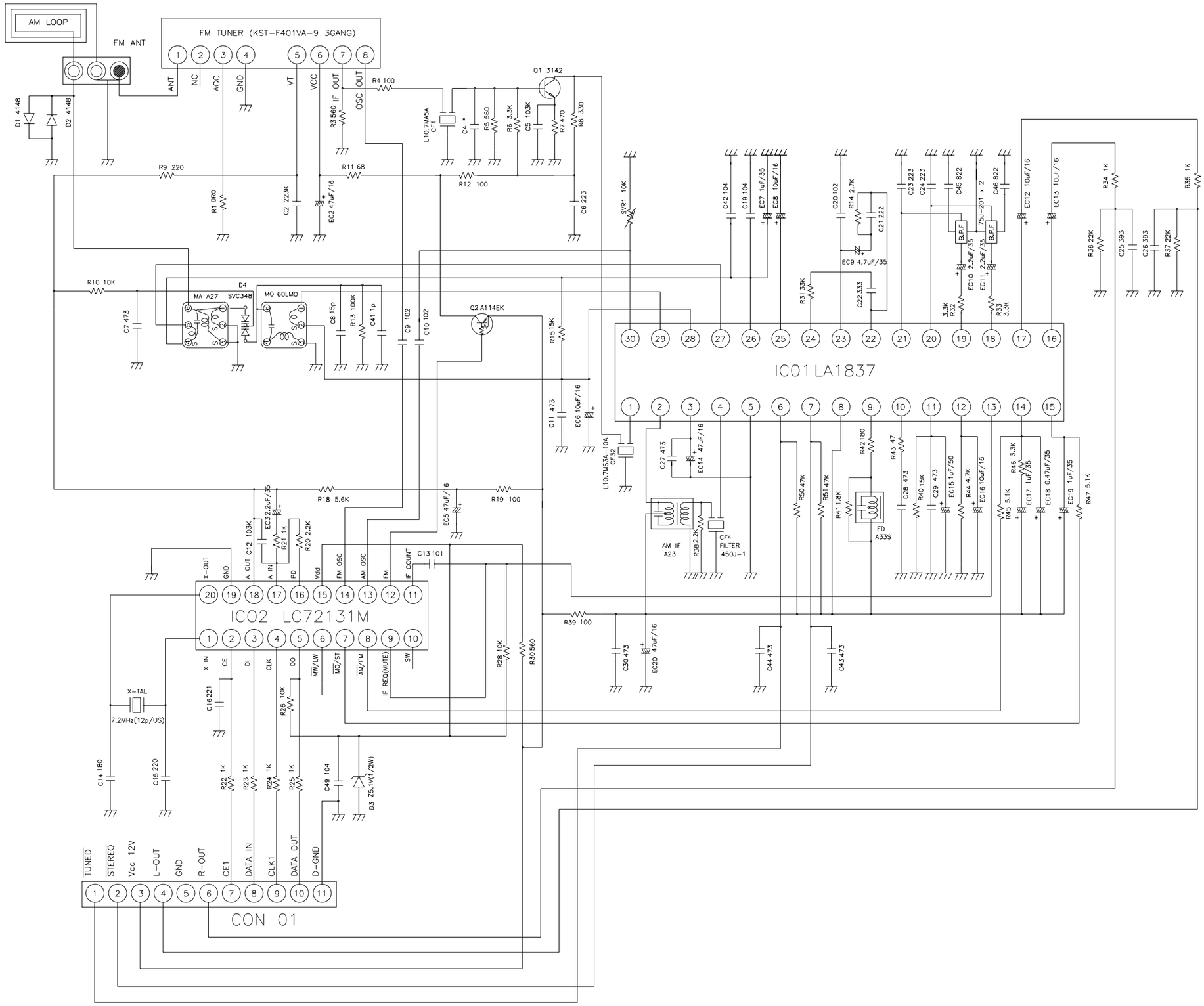
7-2 MAIN Part (COMMON)




VFD
UIC2
M66010GP UIC1
FCW1
FCW2
FCW3
FCW4
HEAD PHONE
REMOCON-EYE
PRO-LOGIC OPTION
HISTORY
PRT
EVT
DVT
MVT
MODEL
MAX-L65
DESIGNER
LKS
APR/DATE
FOR USE
MAX-L65/L68/WL69
MAX-PL65/VL69


AM LOOP
FM ANT
FM TUNER (KST-F404VA-7 4GANG)
ANT
NC
AGC
GND
VT
VCC
IF OUT
OSC OUT
Q1 3142
D1 4148
D2 4148
R2 22K
R3 ***
R4 100
CF1 SFE10.7MJA10-A
R5 560
R6 3.3K
C5 103K
R7 470
R8 330
R9 220
R11 10
R12 100
C1 223
R115K
C2 223
EC2 47uF/16
C6 223
SVR1 10K
C42 104
C19 104
EC7 1uF/50
EC8 10uF/16
C20 102
R14 5.1K
C21 392
EC9 4.7uF/35
C23 223
C24 223
C45 822
B.P.F
01011-101 x 2
C46 822
EC10 2.2uF/35
EC11 2.2uF/35
EC12 10uF/16
EC13 10uF/16
R34 2.2K
R35 2.2K
R36 3.3K
C25 183
R37 3.3K
C26 183
R10 10K
D4
MA A27 SVC348
MO 60LMO
C8 150
R13 100K
C41 030
C9 102
C10 102
C7 473K
Q2 A114EK
R15 12K
LA 00011A
LO 00007A
R31 10K
C22 393
3.3K R32
R33 3.3K
IC01 LA1837
R16 1K
C11 473
EC6 10uF/16
Q3 DTC143TK
Q4 DTC143TK
Q5 DTC143TK
R18 5.6K
R19 100
R52 560
C27 473K
EC14 47uF/16
SFE10.7MS3A CF2
AM IF 75E-380
R38 ***
CF4 FILTER LTSD450B
R50 47K
R51 47K
R41 4.7K
FD A33S
R42 150
R43 47
C28 473
R40 ***
C29 473
EC15 1uF/50
R44 5.1K
EC16 10uF/35
R46 3.3K
R45 5.1K
EC17 1uF/50
EC18 0.47uF/50
EC19 1uF/50
R47 5.1K
EC3 2.2uF/35
C12 103K
R21 1K
R20 2.2K
EC5 47uF/16
C13 101
C68 33p
R28 10K
R30 560
R39 100
C30 473
EC20 47uF/16
C44 473
C43 473
IC02 LC72131M
X-OUT
GND
A OUT
A IN
PD
Vdd
FM OSC
AM OSC
FM
IF COUNT
X IN
CE
DI
CLK
DO
MW/LW
MS/ST
AM/FM
IF REQ(MUTE)
SW
X-TAL
7.2MHz(12p/US)
C16 221
R26 10K
R17 10K
C14 180
C15 220
R22 1K
R23 1K
R24 1K
R25 1K
C49 104
D3 Z5.1W(1/2W)
C68 330
TUNED
STEREO
Vcc 12V
L-OUT
GND
R-OUT
CE1
DATA IN
CLK1
DATA OUT
D-GND
RDS CLK
RDS DATA
CON 01
IC03 BU1924
D5 23.3V(1/2W)
EC21 10uF/16
R63 470
C61 47p
C62 56p
X-TAL 4.332MHz
R61 2.2K
R62 39K
EC22 2.2uF/35
R64 3.3K
C64 102
C63 473
C65 560
RDS GND
RDS


AM LOOP
FM ANT
FM TUNER (KST-F402VD 3GANG)
ANT
NC
AGC
GND
VT
VCC
IF OUT
OSC OUT
D1 4148
D2 4148
R4 101
Q1 3142
SFE10.7MUA10-A
CF1
C4 *
R5 560
R6 3.3K
C5 103K
R7 470
R8 330
R3 560
R9 102
R11 10
R12 100
R1 0R0
C2 223K
EC2 47uF/16
C6 223K
SVR1 10K
C42 104Z
C19 104Z
EC7 1uF/35
EC8 10uF/16
C20 102K
R14 5.1K
C21 222K
EC9 4.7uF/35
R31 4.7K
C22 393K
C23 223K
C24 223K
C45 822K
B.P.F
EC10 2.2uF/35
EC11 2.2uF/35
C46 822K
R32 3.3K
R33 3.3K
EC12 10uF/16
EC13 10uF/16
R34 2.2K
R35 2.2K
R36 3.3K
C25 183K
C26 183K
R37 3.3K
R10 10K
D4
MA A27
SVC348
MO 60LMO
LA
00011A
LO
00007A
C7 473K
C8 15p
R13 100K
C41 030
C9 102K
C10 102K
Q2 A114EK
R15 12K
C11 473
EC6 10uF/16
R16 1K
Q3 C143T
Q4 C143T
Q5 C143T
IC01 LA1837M
R18 5.6K
R19 100
EC3 0.47uF/50
C12 103K
R21 3.9K
R20 2.2K
EC5 47uF/16
SFE10.7MS3A10-A
CF2
C27 473K
EC14 47uF/16
R38 ***
AM IF
75E-380
CF4
FILTER
LTSD450B
R50 47K
R51 47K
R41 4.7K
R42 150
FD
A335
R43 47
C28 473
R40 ***
C29 473
EC15 1uF/50
R44 5.6K
EC16 10uF/16
R46 3.3K
R45 5.1K
EC17 1uF/35
EC18 0.47uF/35
EC19 1uF/35
R47 5.1K
C13 100p
C68 330
R39 100
C30 473
EC20 47uF/16
C44 473
C43 473
R28 10K
R30 560
IC02 LC72131M
X-OUT
GND
A OUT
A IN
PD
Vdd
FM OSC
AM OSC
FM
IF COUNT
X IN
CE
DI
CLK
DO
MW/LW
MD/ST
AM/FM
IF FREQ(MUTE)
SW
X-TAL
7.2MHz(12p/US)
C16 221
R26 10K
R17 10K
C14 18p
C15 22p
R22 1K
R23 1K
R24 1K
R25 1K
C49 104
D3 Z5.1W(1/2W)
TUNED
STEREO
Vcc 12V
L-OUT
GND
R-OUT
CE1
DATA IN
CLK1
DATA OUT
D-GND
CON 01


AM LOOP
FM ANT
FM TUNER (KST-F401VA-9 3GANG)
ANT
NC
AGC
GND
VT
VCC
IF OUT
OSC OUT
Q1 3142
D1 4148
D2 4148
R4 100
R3 560
R5 560
R6 3.3K
R7 470
R8 330
C5 103
L10.7MA5A CF1
C4 *
R9 220
R11 68
R12 100
R1 0R0
C2 223K
EC2 47uF/16
C6 223
SVR1 10K
R10 10K
D4
MA A27 SVC348
MO 60LMO
C7 473
C8 15p
R13 100K
C41 1p
C9 102
C10 102
Q2 A114EK
R15 15K
C11 473
EC6 10uF/16
IC01 LA1837
C42 104
C19 104
EC7 10uF/35
EC8 10uF/16
C20 102
R14 2.7K
C21 222
EC9 4.7uF/35
R31 33K
C22 333
C23 223
C24 223
C45 822
B.P.F
75J-201 x 2
C46 822
EC10 2.2uF/35
EC11 2.2uF/35
3.3K
R32
R33
3.3K
EC12 10uF/16
EC13 10uF/16
R34 1K
R35 1K
R36 22K
C25 393
C26 393
R37 22K
L10.7MS3A-10A CF32
C27 473
EC14 47uF/16
R42 180
R43 47
C28 473
R40 15K
C29 473
EC15 1uF/50
R44 4.7K
EC16 10uF/16
R46 3.3K
EC17 1uF/35
EC18 0.47uF/35
EC19 1uF/35
R47 5.1K
R45 5.1K
R50 47K
R51 47K
R41 1.8K
FD A33S
AM IF A23
R38 2.2K
CF4 FILTER 450J-1
R18 5.6K
EC3 2.2uF/35
EC5 47uF/6
R19 100
R21 1K
R20 2.2K
C12 103K
C13 101
IC02 LC72131M
X-OUT
GND
A OUT
A IN
PD
Vdd
FM OSC
AM OSC
FM
IF COUNT
X IN
CE
DI
CLK
DO
NW/LW
MO/ST
AM/FM
IF REQ(MUTE)
SW
R39 100
R28 10K
R30 560
C30 473
EC20 47uF/16
C44 473
C43 473
X-TAL
7.2MHz(12p/US)
C16 221
R26 10K
C14 180
C15 220
R22 1K
R23 1K
R24 1K
R25 1K
C49 104
D3 Z5.1V(1/2W)
TUNED
STEREO
Vcc 12V
L-OUT
GND
R-OUT
CE1
DATA IN
CLK1
DATA OUT
D-GND
CON 01